

195586

SEARCH REQUEST FORM Scientific and Technical Information Center - EIC2800

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Date 7/13/2006 Serial # 10/449835 Priority Application Date 10/10/2000

Your Name VICTOR TAYLOR Examiner # 74742

AU 2863 Phone 202-2281 Room 6C14

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STIC Search Report
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To: Victor Taylor
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Art Unit: 2863
July 14, 2006

STIC database Tracking Number: 195586

Search Notes:

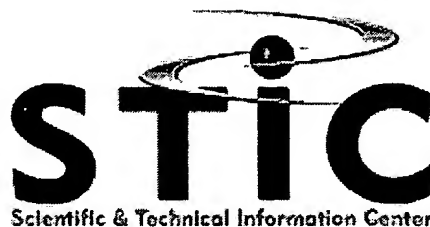
The results of the litigation search you requested for Serial # 10779885 (US Patent Nos. 6473696, 6751558, and 6977866) are attached. There was no litigation found for any of the patents.

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Karen

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and	and
or	or
w/N	withi
not w/N	not i
pre /N	prec
w/p	in se
not w/p	not i
w/seg	in se
not w/seg	not i
w/s	in se
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Research Information:

Utility, Design and Plant Patents
patno=6473696

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1 of 1 DOCUMENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6473696

[Link to Claims Section](#)

October 29, 2002

Method and process for prediction of subsurface fluid and rock pressures in the earth

INVENTOR: Onyia, Ernest C. - Maurice, Louisiana, United States (US); Bell, David W. - Ponca City, Oklahoma, United States (US); Huffman, Alan Royce - The Woodlands, Texas, United States (US); Lahann, Richard Wayne - Houston, Texas, United States (US)

CERT-CORRECTION: July 1, 2003 - a Certificate of Correction was issued for this patent (O.G. July 22, 2003)

APPL-NO: 805422 (09)

FILED-DATE: March 13, 2001

GRANTED-DATE: October 29, 2002

ASSIGNEE-PRE-ISSUE: June 15, 2001 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., CONOCO INC. 1000 S. PINE STREETPONCA CITY, OKLAHOMA, 75603, Reel and Frame Number: 011897/0419

ASSIGNEE-AT-ISSUE: Conoco Inc., Houston, Texas, United States (US), United States company or corporation (02)

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Syntax Del

<u>and</u>	and
<u>or</u>	or
<u>w/N</u>	withi
<u>not w/N</u>	not i
<u>pre /N</u>	prec
<u>w/p</u>	in se
<u>not w/p</u>	not i
<u>w/seg</u>	in se
<u>not w/seg</u>	not i
<u>w/s</u>	in se
<u>not w/s</u>	not i
<u>and not</u>	and
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<u>and</u>	and
<u>or</u>	or
<u>not w/N</u>	withi
<u>pre /N</u>	prec
<u>w/p</u>	in s
<u>not w/p</u>	not i
<u>w/seg</u>	in s
<u>not w/seg</u>	not i
<u>w/s</u>	in s
<u>not w/s</u>	not i
<u>and not</u>	and
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Syntax Def

and	and
or	or
w/N	withi
not w/N	not i
pre /N	prec
w/p	in s
not w/p	not i
w/seg	in s
not w/seg	not i
w/s	in s
not w/s	not i
and not	and
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1. Canada NewsWire, August 9, 2002, Friday, FINANCIAL NEWS, 2318 words, Dynex Power Announces Second Quarter Results for 2002; Listing: TSX Venture Exchange Symbol: DNX, OTTAWA, CANADA, Aug. 9, BC-Dynex-Q2-results;
- | | | | | | |
|-------|-----------|-----------|-----------|------------------------|-------|
| ... | 1,880,718 | 3,580,890 | 3,655,613 | 6,473,696 | ----- |
| ----- | | | | Earnings (loss) before | ... |
2. Canada NewsWire, August 8, 2001, Wednesday, FINANCIAL NEWS, 2325 words, Dynex Power Announces Second Quarter Results for 2001, OTTAWA, CANADA, Aug. 8, BC-Dynex-Quarter-Results;
- | | | | | | | | |
|-------|-----------|-------|-----------|-----------|------------------|-----------------|-------|
| ... | 1,227,290 | ----- | | | | | |
| -- | | | 3,580,890 | 3,940,201 | 6,473,696 | 6,487,470 | ----- |
| ----- | | | | | | Earnings (loss) | |
| ... | | | | | | | |
3. PR Newswire, August 8, 2001, Wednesday, FINANCIAL NEWS, 2285 words, Dynex Power Announces Second Quarter Results for 2001, OTTAWA, CANADA, Aug. 8
- | | | | | | | | |
|-------|-----------|-------|-----------|-----------|------------------|-----------------|-------|
| ... | 1,227,290 | ----- | | | | | |
| -- | | | 3,580,890 | 3,940,201 | 6,473,696 | 6,487,470 | ----- |
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Patent Number :

US6473696 B1 20021029 [US6473696]

Patent Number 2 :

US2002169559 A1 20021114 [US20020169559]

Title :

(B1) Method and process for prediction of subsurface fluid and rock pressures in the earth

Patent Assignee :

(B1) CONOCO INC (US)

Patent Assignee :

Conoco Inc., Houston TX [US]

Inventor(s) :

(B1) BELL DAVID W (US); ONYIA ERNEST C (US); HUFFMAN ALAN ROYCE (US);
LAHANN RICHARD WAYNE (US)

Application Nbr :

US80542201 20010313 [2001US-0805422]

Filing Details :

Cont. of US443446 19991104 [1999US-0443446]

Priority Details :

US80542201 20010313 [2001US-0805422]

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Patent Number :

US6473696 B1 20021029 [US6473696]

US2002169559 A1 20021114 [US20020169559]

Application Number :

US80542201 20010313 [2001US-0805422]

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Patent Number :

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Patent Assignee :

Conoco Inc

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20042801156194

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WO02073240 A1 20020919 [WO200273240]

US6473696 B1 20021029 [US6473696]

US2002169559 A1 20021114 [US20020169559]

US2003004648 A1 20030102 [US20030004648]

US6751558 B2 20040615 [US6751558]

Title :

Method and process for prediction of subsurface fluid and rock pressures
in the earth

Patent Assignee :

CONOCO INC

Orig. Patent Assignee :

Conoco Inc., Houston TX [US]

Inventor(s) :

BELL DAVID W; ONYIA ERNEST C; HUFFMAN ALAN ROYCE; LAHANN RICHARD WAYNE

Application Nbr :

2001US-0805422 20010313; 2002WO-US06009 20020226; 2002US-0224793

20020821

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Filing Details :

(US20030004648)

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Continuation-in-part of: US6473696

Priority Details :

2001US-0805422 20010313; 2002US-0224793 20020821

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Patent Number :

US2003004648 A1 20030102 [US20030004648]

US6751558 B2 20040615 [US6751558]

Application Number :

US22479302 20020821 [2002US-0224793]

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US6473696 B1 20021029 [US6473696]

US2002169559 A1 20021114 [US20020169559]

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US80542201 20010313 [2001US-0805422]

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Patent Number :

6,473,696 A 20021029 [US6473696]

Patent Assignee :

Conoco Inc

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or	or
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not w/N	not i
pre /N	prec
w/p	in s
not w/p	not i
w/seg	in s
not w/seg	not i
w/s	in s
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and not	and
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patno=6751558

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UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6751558

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June 15, 2004

Method and process for prediction of subsurface fluid and rock pressures in the earth

INVENTOR: Huffman, Alan Royce - The Woodlands, Texas, United States (US); Onyia, Ernest C. - Houston, Texas, United States (US); Lahann, Richard Wayne - Houston, Texas, United States (US); Bell, David W. - Ponca City, Oklahoma, United States (US); Lankston, Robert - The Woodlands, Texas, United States (US)

APPL-NO: 224793 (10)

FILED-DATE: August 21, 2002

GRANTED-DATE: June 15, 2004

ASSIGNEE-PRE-ISSUE: December 20, 2002 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., CONOCO INC. 1000 S. PINE STREET P.O. BOX 1267PONCA CITY, OKLAHOMA, 74602-1267, Reel and Frame Number: 013636/0251

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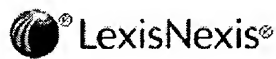
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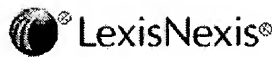
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Patent Number :

US2003004648 A1 20030102 [US20030004648]

Patent Number 2 :

US6751558 B2 20040615 [US6751558]

Title :

(A1) Method and process for prediction of subsurface fluid and rock pressures in the earth

Patent Assignee :

(A1) CONOCO INC (US)

Patent Assignee :

Conoco Inc., Ponca City OK [US]

Patent Assignee 2 :

(B2) CONOCO INC (US)

Inventor(s) :

(A1) BELL DAVID W (US); HUFFMAN ALAN R (US); LANKSTON ROBERT (US);
ONYIA ERNEST C (US); LAHANN RICHARD WAYNE (US)

Application Nbr :

US22479302 20020821 [2002US-0224793]

Filing Details :

C.I.P. of US09805422 20010313 [2001US-0805422]

Continuation-in-part of: US6473696

Priority Details :

US22479302 20020821 [2002US-0224793]

US80542201 20010313 [2001US-0805422]

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Patent Number :

US2003004648 A1 20030102 [US20030004648]

US6751558 B2 20040615 [US6751558]

Application Number :

US22479302 20020821 [2002US-0224793]

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20042801156194

Patent Number :

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US2002169559	A1	20021114	[US20020169559]
US2003004648	A1	20030102	[US20030004648]
US6751558	B2	20040615	[US6751558]

Title :

Method and process for prediction of subsurface fluid and rock pressures in the earth

Patent Assignee :

CONOCO INC

Orig. Patent Assignee :

Conoco Inc., Houston TX [US]

Inventor(s) :

BELL DAVID W; ONYIA ERNEST C; HUFFMAN ALAN ROYCE; LAHANN RICHARD WAYNE

Application Nbr :

2001US-0805422 20010313; 2002WO-US06009 20020226; 2002US-0224793

20020821

Filing Details :

(US6473696)

Cont. of US443446 19991104 [1999US-0443446]

Filing Details :

(US20030004648)

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Priority Details :

2001US-0805422 20010313; 2002US-0224793 20020821

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US2003004648 A1 20030102 [US20030004648]

US6751558 B2 20040615 [US6751558]

Application Number :

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US6473696 B1 20021029 [US6473696]

US2002169559 A1 20021114 [US20020169559]

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US80542201 20010313 [2001US-0805422]

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Patent Number :

6,473,696 A 20021029 [US6473696]

Patent Assignee :

Conoco Inc

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December 20, 2005

Method and process for prediction of subsurface fluid and rock pressures in the earth

INVENTOR: Huffman, Alan R. - The Woodlands, Texas, United States (US); Onyia, Ernest C. - Katy, Texas, United States (US); Lahann, Richard W. - Houston, Texas, United States (US); Bell, David W. - Ponca City, Oklahoma, United States (US); Lankston, Robert - The Woodlands, Texas, United States (US)

CERT-CORRECTION: March 7, 2006 - a Certificate of Correction was issued for this patent (O.G. March 28, 2006)

APPL-NO: 755198 (10)

FILED-DATE: January 9, 2004

GRANTED-DATE: December 20, 2005

ASSIGNEE-PRE-ISSUE: February 9, 2005 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., CONOCOPHILLIPS COMPANY HIGHWAY 60 AND 123 210 PLBBARTLESVILLE, OKLAHOMA, 74004, Reel and Frame Number: 015693/0264

ASSIGNEE-AT-ISSUE: ConocoPhillips Company, Houston, Texas, United States (US), United States company or corporation (02)

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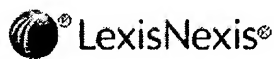
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... U.S. Patent No. **6,977,866** on Dec. 20. The ...
- ☐ 2. [Borneo Bulletin](#), September 1, 1999, 208 words, LETTERS TO THE EDITOR: \$ 200 NOT ENOUGH
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DATELINE: Alexandria, Va.

BODY:

ALEXANDRIA, Va., Dec. 22 -- Alan R. Huffman and Robert Lankston, both of The Woodlands, Texas, Ernest C. Onyia of Katy, Texas, Richard W. Lahann of Houston, and David W. Bell of Ponca City, Okla., have developed a method and a process for prediction of subsurface fluid and rock pressures in the earth.

According to the U.S. Patent & Trademark Office: "A method of determination of fluid pressures in a subsurface region of the earth uses seismic velocities and calibrations relating the seismic velocities to the effective stress on the subsurface sediments. The seismic velocities may be keyed to defined seismic horizons and may be obtained from many methods, including velocity spectra, post-stack inversion, pre-stack inversion, vertical seismic profiling or tomography. Overburden stresses may be obtained from density logs, relations between density and velocity, or from inversion of potential fields data. The seismic data may be P-P, P-S, or S-S data."

An abstract of the invention, released by the Patent Office, said: "The calibrations may be predetermined or may be derived from well information including well logs and well pressure measurements. The calibrations may also include the effect of unloading. The determined pressures may be used in the analysis of fluid flow in reservoirs, basin and prospect modeling and in fault integrity analysis."

The inventors were issued U.S. Patent No. 6,977,866 on Dec. 20.

The patent has been assigned to ConocoPhillips Co., Houston.

The original application was filed on Jan. 9, 2004, and is available at: <http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&u=/netahtml/search-adv.htm&r=610&f=G&l=50&d=PTXT&sl=ISYMD-20051220&p=13&OS=ISD/12/20/2005&RS=ISD/12/20/2005>.

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Patent Number :

US2004141414 A1 20040722 [US20040141414]

Patent Number 2 :

US6977866 B2 20051220 [US6977866]

Title :

(A1) Method and process for prediction of subsurface fluid and rock pressures in the earth

Patent Assignee :

(A1) CONOCOPHILLIPS CO (US)

Patent Assignee :

ConocoPhillips Company, Houston TX [US]

Patent Assignee 2 :

(B2) CONOCOPHILLIPS COMPANY (US)

Inventor(s) :

(A1) BELL DAVID W (US); LANKSTON ROBERT (US); ONYIA ERNEST C (US);

HUFFMAN ALAN ROYCE (US); LAHANN RICHARD WAYNE (US)

Application Nbr :

US75519804 20040109 [2004US-0755198]

Filing Details :

Divsn of US10224793 20020821 [2002US-0224793]

C.I.P. of US09805422 20010313 [2001US-0805422]

Division of: US6751558

Continuation-in-part of: US6473696

Previous Publication: US20040141414 A1 20040722

Priority Details :

US75519804 20040109 [2004US-0755198]

US22479302 20020821 [2002US-0224793]

US80542201 20010313 [2001US-0805422]

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Patent Number :

US2004141414 A1 20040722 [US20040141414]

US6977866 B2 20051220 [US6977866]

Application Number :

US75519804 20040109 [2004US-0755198]

Action Taken :

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Citations and FI/F-term classification available for Japanese documents

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Family Accession Nbr :

20042801155840

Patent Number :

US2004141414 A1 20040722 [US20040141414]

US6977866 B2 20051220 [US6977866]

Title :

Method and process for prediction of subsurface fluid and rock pressures
in the earth

Patent Assignee :

CONOCOPHILLIPS CO
CONOCOPHILLIPS COMPANY

Orig. Patent Assignee :

ConocoPhillips Company, Houston TX [US]

Inventor(s) :

BELL DAVID W; LANKSTON ROBERT; ONYIA ERNEST C; HUFFMAN ALAN ROYCE;
LAHANN RICHARD WAYNE

Application Nbr :

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